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WATER SUPPLY OUTLOOK

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

for

WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

FEB. 1, 1962

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Cooperative Snow Survey and Water Supply Forecast Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Fortunately, most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from fore-knowledge of the runoff.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, about 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

By relating snow survey measurements taken over a period of years to spring-summer runoff during the same period, relationships have been developed which make it possible to forecast seasonal runoff several months in advance of occurrence. In order to make a forecast, once a forecast relationship has been developed, the maximum snow water content at previously selected key snow courses is usually entered in the forecast relationship. More accurate forecasts are often obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast relationships.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions.

	PUBLISHED BY SOIL	CONSERVATION SERVICE	
REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
COLORADO AND STATE OF UTAH	MONTHLY (JANJUNE)_	_ SALT LAKE CITY, UTAH	. UTAH STATE ENGINEER AND OTHER AGENCIES
COLUMBIA	MONTHLY (JANMAY)	BOISE, IDAHO	. IOAHO STATE RECLAMATION ENGINEER
UPPER MISSOURI AND STATE OF MONTANA	MONTHLY (FEBJUNE)_	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
WEST-WIDE	OCT. 1. APR. 1, MAY 1_	PORTLAND, OREGON.	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MARMAY)	PALMER, ALASKA	ALASKA S.C.D.
AR I ZONA	SEMI-MONTHLY (JAN.15 - APR.1)		.SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEBMAY)		. COLO. AGR. EXP. STATION COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO.	MONTHLY (FEBMAY)	BOISE, IDAHO	loano State Reclamation Engineer
NE VADA	MONTHLY (JANMAY)	RENO, NEVADA	NEVAGA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JANJUNE)		ORE. AGR. EXP. STATION OREGON STATE ENGINEER
WASHINGTON-	MONTHLY (FEBJUNE)_	_ SPOKANE, WASHINGTON	. WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEBJUNE)	_ CASPER, WYOMING	WYOMING STATE ENGINEER
Copies of these	various reports may be	secured from: Head, Water Supply For Soil Conservation Serve. P.O. Box 4170, Portle	rvice
	PUBLISHED B	Y OTHER AGENCIES	
REPORTS	ISSUED		AGENCY
BRITISH COLUMBIA	MONTHLY (FEBJUNE)		RIGHTS BR., DEPT. OF LANDS AND T BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEBMAY)	CALIF. DEPT. OF WA	TER RESOURCES, SACRAMENTO, CALIF.

FEDERAL-STATE COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued February 1, 1962

Report Prepared by George W. Peak Snow Survey Supervisor State of Wyoming

Soil Conservation Service 345 East 2nd Street P. O. Box 340 Casper, Wyoming

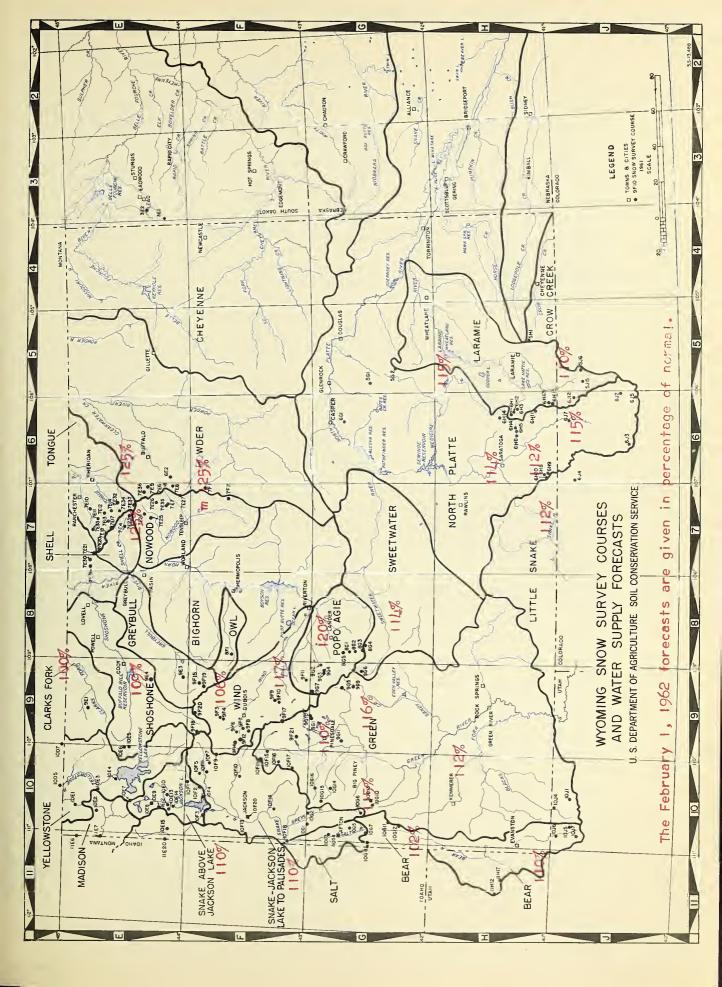
Issued by

B. H. Hopkins State Conservationist Soil Conservation Service

Earl Lloyd State Engineer of Wyoming Cheyenne, Wyoming

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Market Committee (1997)



INDEX TO WYOMING SNOW COURSES

	LOCATION		LOCATION															
ORAINAGE BASIN ANO COURSE NAME	WYOMING NUMBER	ELEV.	SEC. LAT. URI RIVER	TWP.	RANGE LONG.	RECORO BEGAN	MEAS. OATES a	MEAS. BY b	,	ORAINAGE BASIN ANO COURSE NAME	WYOMING NUMBER		SEC. LAT.	TWP.	RANGE LONG.	RECORO BEGAN	MEAS. OATES a	MEAS. BY b
MAGISON RIVER				UNAT III	NGL.					CROW CREEK								
Norris 8asin 21 Mile •m West Yellowstone •m	10E2 11E6 11E7	7500 7150 6700	44°441 1 34	118	110°421 5E 5E	1936 1934 1934	2,3,4,5 1,2,3,4,5 1,2,3,4,5			Pole Mountain #2 NORTH PLATTE Albany	5HI 6HII	9400	35	15N 14N	72₩ 78₩	1936	2,3,4,5	1
YELLOWSTONE Canyon Cooke City •m	10E3	7750 7400	44°441 25	98	110º301	1938 19 3 7	1,2,3,4,			Sottle Creek Soxelder #1, #2 Casper Mountain	6H8 5G1	9000 9000 8700	24 31 16	14N 30N 32N	25W 75W 79W	1936 1950 1954	2,3,4,5 2,3,4,5 1,2,3,4,	5
Crevice Mountain •m East Entrance Lake Camp #1. #2		8400 7000 7850	22 17 44°34	9S 52N	9E 109W 110°24	1935 1948 1937	3,4	4 5 2		Columbine •c Fox Park LaBonte	6J3 6HI2 5G2	93 00 9200 8450	21	5N 13N 27N	82₩ 78₩ 74₩	1936 1936 1949	2,3,4,5 2,3,4,5 2,3,4,5	4
Lupine Creek Thumb Oivide Sylvan Pass	10E1 10E7 10E5	7300 7900 7100	44 ⁰ 54 ¹ 44 ⁰ 22 ¹ 12	52N	110°371 110°351 110₩	1938 1946 1936	1,2,3,4,5	5 2 5		North Barrett Creek # North French Creek # Northgate •c	I 6H4 €J7	9400 10200 8500	30 27 7	16N 11N	80W 80W 79W	1936 1939 1950	2,3,4,5 2,3,4,5 2,3,4,5	1
CLARK'S FORK Lodgepole	9E1	8200	32	56N	106W	1940	2,3,4,5	1,4		Old Battle Park View •c Rock Creek	6H10 6J2 6H14	9800 9800 9800	29 24 5	14N 5N 17N	85 \ 78 \ 79 \	1936 1936 1960	2,3,4,5 2,3,4,5 2,3,4	1
WINO RIVER 8ig Warm Burroughs Creek	9F12 9F4	8800	36 15	42N 43N	109W	1955 1948	2,3,4,5	1		Ryan Park #2 Webber Spring Willow Creek Pass •c	6H6 6H9 6J5	9000 9500	34 27 I	16N 14N 4N	81W 85W 72W	1936 1936	2,3,4,5 2,3,4,5 2,3,4,5	1
Dinwoodie Oinwoodie Glaciers Dry Creek	9F10 9F17 9F9	10000 10500 9500	9 43°14' 34	38N 4N	105W 109°35° 105W	1948 1959 1948	2,3,4,5 2,3,4 2,3,4,5	1,3 1		CHEYENNE RIVER Upper Spearfish •s Terry Peak *s	3E I	65CC 7000	21	3 N 4 N	1E 2E	1944	2,3,4	4
OuNoir Geyser Creek Little Warm	9F6 9F7 9F8	8750 8500 9500	27 12 24	42N 41N 41N	108# 108#	1940 1948 1948	2,3,4,5 2,3,4,5 2,3,4,5	1		GREEN RIVER			ADO RIVER	ORAINA			-,-,	
Sheridan R.S. #2 T-Cross Ranch Togwotee Pass	9F 14 9F3 10F9	75 CO 800 O 960 O	3 29	42N 43N 44N	109W 107W 110W	1955 1940 1936	2,3,4,5 2,3,4,5 2,3,4,5	1 1 5		Big Park Big Sandy Opening Blind Bull	10G11 9G9 10G2	8700 9200 8750	7 17 6	27N 31N 34N	117W 104W 115W	1951 1961 1948	2,3,4,5 2,3,4,5 2,3,4	1
POPO AGIE RIVER Slue Ridge Sruce's Camp	8G2 8G5	95 00 65 00	23	3 I N 32 N	WIOI	1939 1955	2,3,4,5	I		Outch Joe R.S. East Rim Oivide Elk Heart Park G.S.	9 6 5 10F17 9G10	8700 7950 9400	32 32	31N 37N 35N	104W 111W 107W	1936 1936 1961	2,3,4,5 1,2,3,4,5 2,3,4,5	5 I
Hobbs Park Mosquito Park R.S. Sawmill Glade	9G3 9G4 8G1	9500 9500 8500	22 23 27 3 7	2S 2S 31N	3W 101W	1948 1940 1939	2,3,4,5 2,3,4,5 2,3,4,5	1,3		Elk River *c Gros Ventre Hewinta R.S. *u	6J4 10F19 10J4	8700 8750 9500	6 36 33	10N 40N 3N	85W 111W	1936 1948 1930	2,3,4,5 2,3,4,5 4	1
South Pass St. Lawrence R.S. Trout Creek	963 961 962	9000 9000 84 C0	13 26 5	30 N I N 2 S	10 W 4W 2W	1939 1940 1948	2,3,4,5 2,3,4,5 2,3,4,5	1,3		Hole-in-the-Rock *u Kelly R.S. Kendall R.S. #1	10J1 10G12 10F15 10F15	9150 8200 7900	13 13 23	2N 26N 38N 38N	15E 110W 110W	1931 1951 1936	4 2,3,4,5 2,3,4,5	
Twenty Lakes OWL CREEK Owl-Creek	9G7 8FI	10500	2	1 S 43 N	5W	1959	2,3,4			Kendall R.S. #2 Loomis Park #1 Loomis Park #2 Mullioan Park	10F16 10F16 9G1	7900 2500 8500 8900	23 14 14 17	37N 37N 37N	1118	1961 1936 1960 1936	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	
GREYBULL RIVER Frontier Needle	9F20	10000	20	46N	106W	1961	2,3,4	i		New Fork Lake North Horse Creek Old Sattle	9F21 10G16 6H10	8325 8200 9800	11 12 29	36N 34N 14N	109W 114W 85W	1961 1936	2,3,4,5 2,3,4,5 2,3,4,5	1
Wood River #2 Timber Creek #2	9F19 9F3 9E3	11000 €000	13 28- 25	45N 46N 47N	104W 103W 103W	1960 1956 1955	2,3,4 2,3,4,5 2,3,4,5	-		Piney LaBarge #1 Piney LaBarge #2 Pocket Creek	10G10 10G10 9G11 10G6	8820 8820 9360	19 19	29 N 29 N 32 N	114W 114W 109W	1937 1959 1961	2,3,4,5 2,3,4,5 2,3,4,5	
Carter Mountain East Entrance	10E6	-78C0 7000	15 17	50N 52N	103W	1957 1948	1,2,3,4	1 2		Snyder 8asin R.S. #2 Soda Lake		2500 2040 8300 2500	29 15 14 33	30N 29N 33N 34N	116W 114W 115W	1948 1956 1955 1956	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	1
Sylvan Pass Younts Peak	10E5 9F18	7100 8500	12 43 ⁰ 561	52N	110W 109°49†	1936 1960	1,2,3,4,5	1		Triple reaks	10010		HA RIVER				-,-,-,-	
Cold Springs Camp Medicine Lodge Lake	7E25 s 7E24	8700 9500	7	50N 51N	88W 87W	1956 1956	2,3,4,5	l t		SNAKE RIVER BASIN (AI Arizona	ove J aci	son Lak	(e) 1/3	4611	1.1.000			
Munkres Pass Onion Gulch West Tensleep Lake	7E8 7E27 7E26	9700 8100 9075	31	48N 48N 50N	85W 85W 86W	1950 1956 1956	2,3,4,5 2,3,4,5 2,3,4,5			Aster Creek Base Camp Coulter Creek	10E8 10F2 10E10	7700 6900 7600	44 ⁰ 17 ¹ 20 44 ⁰ 09 ¹	46N 46N	113W 110°37¹ 113W 110°33¹	1919 1919 1947 1919	2,3,4 2,3,4 2,3,4 2,3,4	5 5 5
Tyrell R.S. Bear Trap Canyon Creek	7E35 7F1 7F2	8300 8000 7400	30 10 16	49N 45N 43N	86W 85W 86W	1956 1960 1960	2,3,4,5 2,3,4,5 2,3,4,5			Glade Creek Grassy Lake Huckleberry Oivide	10E13 10E15 10E14		44°081 6 32	48N 48N	110°441 117₩ 115₩	1919 1940 1919	2,3,4 2,3,4,5 2,3,4	5 5 5
Tensleep R.S. SHELL CREEK	7E7	8300	30	49N	86W	1936	2,3,4,5	'		Lewis Lake Oivide Moran	10E9 10F4	7900 6800	44°13' 8,17	45N	110 ⁰ 40 ¹	1919	2,3,4,5	5 5
Bald Mountain Beaver-Tongue Oivid Bone-Spring Oivide	7E21 e 7E20 7E18	9600 9200 9200	33 12 32	56N 55N 55N	91W	1956 1956 1956	2,3,4,5 2,3,4,5 2,3,4,5	1		Moran Bay Snake River Station Thumb Oivide	10F3 10E12 10E7	6800 6780 7900	14 44°081 44°221	45N	116W 110°40' 110°35'	1919 1919 1951	2,3,4 2,3,4 2,3,4	5 5 5
Granite Pass Ranger Creek Shell Creek	7E17 7E4 7E23	8950 8800 9600	19 32 12	54N 53N 52N	88W 88W 88W	1956 1935 1956	2,3,4,5 2,3,4,5 2,3,4,5	4		JACKSON LAKE TO PALIS Afton R.S. Blackrock	10G4 10F7	6200 8600	30	32N 44N	118W	: L936 21936	1,2,3,4,	5 4 5
PORCUPINE CREEK Five Springs Falls Medicine Wheel	7E31 7E30	7500 9000	19	56N 56N	92W 92W	1956 1956	2,3,4,5	1		_Blind Bull -Bryan Flat -CCC Camp	10G2 10F14 10G7	8750 6250 7500	9 - 1	34N 38N 29N	115W 115W 118W	1936 1936	2,3,4 1,2,3,4,5 1,2,3,4,5	5 1,4
TONGUE RIVER Beaver-Tongue Oivid	e 7E20 7E32	9200 7700	12	55N 53N	91W 86W	1956	2,3,4,5	1		Cottonwood Lake Oeadman Ranch East Rim Oivide Four Mile Meadows	10G5 10G1 10F17 10F6	7500 6534 7950 7770	25 28 32 35	31N 35N 37N 45N	8\ 6\ \	1936 1936 1936	2,3,4 2,3,4 1,2,3,4,5 2,3,4,5	1,4 1 5 1 5
8ig Goose #2 Bone-Spring Oivide Burgess R.S. #2 Oome Lake #2	7E18 7E33 7E34	9200 7900 8800	32 36	55N 56N 53N	89W 89W 87W	1956-	2,3,4,5 2,3,4,5 2,3,4,5			Greys Boundary Gros Ventre Grover Park Oivide	10F18 10F19 10G3	5800 8750 7500	33 36 27	37N 40N 33N	118W 111W	1936 1948 1936	1,2,3,4,5	5 1.4
Gloom Creek Granite Pass Sibley Lake	7E 4 7E 7 7E 1	9300 8950 8000	32 19 10. *	55N 54N 55N	87W 88W 88W	1956 1956 1956	2,3,4,5 2,3,4,5 2,3,4,5			Loomis Park Poison Meadows Teton Pass #2	10F16 10G6 10F13	8500 8500 8500	14 29 24	37N 30N 41N	118# 116# 111#	1936 1949 1936	2,3,4,5 2,3,4,5 1,2,3,4,5	
Sucker Creek Steamboat Point Wood Rock G.S. Geneva Pass	7E12 7E10 7E13 7E37	9000 7500 8500 10600	19 327 : 3 30 ···	55N 56N 54N 52N	87W 87W 88W 86W	1956 1956 1956 1961	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5	1		Togwotee Pass Turpin Meadows Yellowjacket Salt River Summit	10F9 10F5 10F10 10G8	9600 6930 7675 7900	29 14 33 32	44N 45N 42N 29N	115A 115A 110A	1936 1936 1936 1948	2,3,4,5 2,3,4,5 1,2,3,4,5	5 5 4 5 1,4
POWOER RIVER					25 W		-			Snow King Mountain #3		7600	4	40N	7W	1959	Semi. Mo	. 1
Sear Trap Canyon Creek Clouds Peak Muddy Creek G.S.	7F1 7F2 7E36 6E2	7400 10000 7800	10 16 15 2	45 N 43 N 5 I N 48 N	86W 85W 84W		2,3,4,5 2,3,4,5 2,3,4 2,3,4,5			BEAR RIVER Big Park	10611	8700 7500	7	27N 29N	117₩ 118₩	1951 1 3 36	2,3,4,5	I I,4
Munkres Pass Onion Gulch Soldier Park	7E8 7E27 7E5	9700 8100 8700	31	48N 48N 51N	25W 25W 25W	1950 1956 1950	2,3,4,5 2,3,4,5 2,3,4,5			CCC Camp Girl Mollow •u Goodman Ranch •u Mayden Fork •u	10G7 11H17 10J6 10J7	8400 7900 9300	5	7N 3N 1S	5E 10E 9E	1951 1937 1951	3,4,5	1
Sour Cough SWEETWATER	7E6	8500	17	49N	84 W	193€	2,3,4,5	İ		Head of Bear River ** Kelly R.S. Monte Cristo, R.S. **	10 J 5 10G12	8600 8200 8960	15 13 3	2N 26N 8N	10E 118W 4E	1935 1951 1930	4 2,3,4,5 3,4,5	1
Grannier Meadows # Larsen Creek South Pass	864 96€ 863	900 C 9000	19 12 13	30N 30N	101M 103M	1937 1949 1939	2,3,4,5 2,3,4,5 2,3,4,5	1		Poison Meadows Salt River Summit	10G6 10G8	8500 7900	29 32	30N 29N	116W 118W	1948 1948	2,3,4,5	1,4
LARAMIE RIVER 8rooklyn Lake #1 8rooklyn Lake #2	6H1	10200	11	16N 16N	79W 79W	1936 1956	2,3,4,5	I I		a. Numerals 1,2,3,4a b. Numerals refer to I. Soil Conser	Agency vation S	that sec ervice.	cures the	snow s	orvey, as 6. U. S.	follows Geologica	al Survey	1.
Oeadman Hill *c Evans Fox Park	5J6 6HI5 6HI2 6H2	9000 9200 9500	26 4 21 24	10N 12N 13N 16N	75W 7EW 7EW 79W	1937 1960 1936 1936	3,4,5 2,3,4,5 2,3,4,5	1 4		2. U. S. Natio 3. U. S. India 4. U. S. Fores 5. U. S. Burea	n Servic t Servic	e . e .		m. Mon s. Sou	orado snov tana snow th Oakota h snow com	courses		8 (2)
Hairpin Turn #2, #3 Libby Lodge #2 McIntyre •c Pole Mountain #2	6H3 5J15 5HI	9700 9100 9700	29 35 35	16N 10N 15N	78₩ 76₩ 72₩	1936 1936 1949 1936	2,3,4,5 2,3,4,5 2,3,4,5 2,3,4,5			J. 0. 3. barea	o, nec	. Junia E I OI		. 0(d)			, wygdot	
Roach •c	6J12		5	ION	77W	1940	2,3,4,5	I										

WATER SUPPLY OUTLOOK

FOR

WYOMING

February 1, 1962

Snow surveys throughout the state indicate a much better * seasonal supply than that of 1961 and 1960. * * * In addition, winter wind has been less than normal indicating * less than normal snow pack evaporation losses. Finally, soil moisture conditions are excellent. Field capacity will require very little snow melt runoff. * * Anticipated summer yields are ranging from 102 percent of * normal for the Smith's Fork near Border to 128 percent for the * Little Popo Agie near Lander. In general the average snow melt * runoff over the state will be 115 percent of average. The picture by major basins is as follows:

THE COLUMBIA RIVER BASIN - seasonal flow into Jackson is forecast at 1,020,000 acre feet of water which is 110 percent of normal. Pacific Creek and the ^Buffalo Fork watersheds are also standing at 110 percent of normal. The Salt River near Etna is expected to yield 403,000 acre feet or 112 percent of normal.

THE COLORADO RIVER BASIN - the outlook for the Green at Warren Bridge is 383,000 acre feet or 110 percent; 1,100,000 acre feet at Fontenelle for 112 percent and 1,345,000 acre feet at Green River which will also be 112 percent. North Piney Creek is predicated at 115 percent and the New Fork at Boulder will run 116 percent.

THE LOWER YELLOWSTONE - anticipated flows in the Wind River will be almost twice the 1961 discharge. The Wind at DuBois is expected to be 106,000 acre feet, which is also 106 percent of average. Bull Lake will recieve 199,000 acre feet of runoff or 117 percent, the North Popo Agie watershed will release seasonal supplies of 89,000 acre feet or 120 percent of average, the most probable outlook for the Little Popo Agie near Lander is 128 percent, and the Shoshone river will supply Buffalo Bill Reservoir with 930,000 acre feet, which is 109 percent of normal.

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THE NORTH PLATTE - the North Platte snow pack storage is standing at II4 percent of normal. April to September flow at Northgate will be II5 percent. Encampment River will supply II2 percent and the flow at Saratoga will be 755,000 acre feet of water. Medicine Bow near Hanna is estimated at II5 percent and the Sweetwater indicates a flow of II4 percent of normal. The Laramie at Jelm is computed to be II0 percent.

THE BIG HORN MOUNTAINS - the present outlook from this watershed is for close to 125 percent of normal summer supplies. Soil moisture is exceptionally good and the high elevation snow pack is ranging considerably above average.

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WYOMING STREAM-FLOW FORECASTS FEBRUARY 1, 1962

		April I	- Septem	1h or 30
		Stream-Flow i	n Thousar	ds of Acre Feet
BASIN AND TRIBUTARY	Forecast Runoff	, ,	Measure	ed Runoff 15-Yr. Avg.
	RUNOTT	Average	1960	1943-57
NORTH POPO AGIE Milford (near)	89	120%	40	74*
LITTLE POPO AGIE Lander (near)	55	128%	19	43*
WIND RIVER DuBois (near)	106	106%	61	100*
SHOSHONE RIVER Buffalo Bill Dam(below)(I)	930	109%	377	851
LARAMIE RIVER Jelm (near)	124	110%	83	113
ENCAMPMENT RIVER Encampment (near)	175	112%	118	156
NORTH FLATTE RIVER Northgate (near) Saraloga (at)	295 75 5	115% 111%	193 450	255 661
MEDICINE BOW RIVER Hanna (near)	114	115%	35	99
SWEETWATER RIVER Alcova (near)	96	114%	15)	84
GREEN RIVER Fonteneile (near) Green River (at) Warren Bridge (at)	1100 1345 383	112% 112% 110%	439 456 207	98 3* 1200 348
NORTH PINEY CREEK Mason (at)	47	115%	24	41
NEW FORK RIVER Boulder (near)	303	116%	110	261

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WYOMING STREAM-FLOW FORECASTS FEBRUARY 1, 1962

		April	I - Septe	ember 30
	Seasonal	Stream-Flow i	n Thousand	ds of Acre Feet
BASIN AND TRIBUTARY	Forecast	, ,	Measure	d Runoff
	Runoff	Average	196†	15-Yr. Avg. 1943-57
SNAKE RIVER				
Moran (at) (3)	1020	110%	607	928
PACIFIC CREEK Moran (near)	203	110%	115	185*
BUFFALO FORK	20)	110/0	117	10)**
Moran (near)	371	110%	283	337*
BEAR RIVER				
Utah-Wyo. State Line(near) Randolph (near)	1 <i>3</i> 5 112	110% 97%		123 115*
Harer (at)	305	102%		299
SMITHS FORK				.10
Border (near)	121	102%	126	142
BULL LAKE CREEK Lenore (near)	199	117%	118	170*
C ,	. //	1 1 /0	1.0	1704

All stream data taken from observed flow records with the following exceptions:

⁽I) Observed flow corrected for Buffalo Bill storage and Heart Mountain diversion.

⁽²⁾ Observed flow corrected for Colorado diversion above station.

⁽³⁾ Observed flow corrected for Jackson Lake storage.

^{*} Less than 15 years of record.

^{**} Estimated 1943-57 average.

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Duntana Beats	Alexander - co		***************************************	1060	SNOW COVER			000
Drainage Basin	Number or		Date	1962 Snow	Water		PAST RECO	(In.)
and Snow Course	State	Elev.	of	Depth	Content	via i ei	Content	1943-57
3100 6001 36	Sidie	LICVA	Survey	(in.)	(In.)	1961	1960	Averages
		-		(4.1.)		+		
MADISON RIVER - YELL	OWSTONE P	ARK						
Norris Basin ÷	10E2	7500	1/29	34	8.4	4.7	3.9	7.1e
21 Mile ^m	11E6	7150	1/-/	24	N.R.	7.8	5.4	13.0
West Yellowstone ^m	11E7	6700			N.R.	4.9	3.3	8.8
UPPER YELLOWSTONE -	YELLOWSTO	NE PARK						
Canyon	10E3	7750	1/28	46	11.1	6.2	3.9	10.4e
Cooke City ^m	1007	7400	1/29	31	7.0	4.1	2.0	6.2
East Entrance : Lake Camp #1	10E6 10E4	7000	1/31	33	7.7	5.4	3.5	8.1e
Lake Camp #2	10E7	7850 7850	1/28	36	7.8	3.7	2.9	7.7e
Lupine Creek	10E1	7300	1/28	33	7.3	3.2	2.5	6.7e
Norris Basin ÷	10E2	7500	1/29 1/29	38	10.4	4.9	2.8	7.1e
Sylvan Pass ÷	10E5	7100	1/31	3L1 39	8.4 9.8	4.7	3.9	7.1e
Thumb Divide :	10E7	7900	1/27	59 59	17.6	5.7 8.և	4.1 7.0	10.2e 15.9e
LOWER YELLOWSTONE -	CLARKIS FO)RK	., -,)/	.,,	ت د	,	. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Lodgepole	9E1	8200	1/31	31	7.2	3.8	3.3	8.3e
LOWER YELLOWSTONE -	WIND RIVER	3						
Big Warm	9F12	8800	1/24	34	7.9	4.2	2.9	7.6e
Burroughs Creek	9F4	8800	1/26	39	11.0	5.1	3.8	11.7e
Dinwoodie	9F10	10000	1/27	41	10.9	4.7	7.0	8.4e
Dinwoodie Glaciers	9F17A	10000	1/28	36	9.0A	3.0A	7.0A	0.46
Dry Creek	9F9	9500	1/27	26	5.9	2.5	2.5	4.3e
DuNoir	9 F 6	8750	1/24	32	7.6	2.7	2.2	6.1e
Geyser Creek	9F7	8500	1/25	28	6.8	2.2	2.1	5.7e
Little Warm	9F8	9500	1/25	54	14.4	7.2	8.0	11.7e
Sheridan R.S. #2	9F14	7500	1/24	29	6.4	2.7	2.0	5.7e
T-Cross Ranch	9F3	8000	1/26	25	5.3	2.4	2.3	5.5
Togwotee Pass ÷	I OF 9MP	9600	1/29	66	21.6	15.3	14.4	20.6
Twenty Lakes :	9F7A	10000	1/28	36	9.0A	2.0A	3.0A	
LOWER YELLOWSTONE -	OWL CREEK							
Kirwin ÷	9F19A	10000	1/71	70	7 5	2 04	E 04	
Owl Creek	8FI	8700	1/31 1/31	32 21	7.5A 4.7	2.0A	5.0A	J. 50
		0,00	1/21	۲.	4.1	400	4.9	4.5e

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					SNOW COVER			
Drainage Basin	Number		فانتباد بيجينية	1962		The state of the s	PAST REC	
and	or		Date	Snow	Water	Water	Content	(in.)
Snow Course	State	Elev.	of	Depth	Content			1943-57
			Survey	(In.)	(In.)	1961	1960	Averages
LOWER YELLOWSTONE - I	POPO AGIE	RIVER						
Blue Ridge Bruce's Camp Hobbs Park Mosquito Park R.S. Sawmill Glade South Pass : St. Lawrence R.S. Trout Creek Twenty Lakes :	8G2 8G5 9G3 9G4 9G1 8G3MP 9F11 9G2 9G7A	9500 6500 10000 9500 8500 9000 9000 8400	1/21 1/29 1/29 1/20 1/20 1/28 1/28	44 22 46 28 33 49 25 46 36	8.2 3.3 13.1 6.8 5.7 10.6 6.2 5.5 9.0A	4.1 1.6 8.0 2.4 3.3 4.2 2.6 2.1 2.0A	52.84452.52 3.0A	8.6e 1.9e 12.8e 5.6e 5.5e 10.2e 4.7e 4.5e
LOVED MELLOWOTONE		D. I. (20)	•	_				
LOWER YELLOWSTONE - C	BREARATT	RIVER						
Frontier Needle Kirwin : Timber Creek Wood River #2	9F20A 9F19A 9E3 9F15	10000 10000 8800 8000	1/29 1/29 1/30	32 17 22	N.R. 7.5A 4.2 6.1	2.0A 2.0A 1.7 2.7	5.0A N.R. N.R.	2.4a 2.9a
LOWER YELLOWSTONE - S	HOSHONE	RIVER						
Carter Mountain East Entrance : Sylvan Pass : Togwotee Pass : Younts Peak	9ЕЦМ 10Е6 9Е5 10F9MP 9F18A	7800 7000 9200 9600 8500	1/28 1/31 1/31 1/29	22 33 39 66	5.3 7.7 9.8 21.6 N.R.	N.R. 5.Ц 5.7 15.3 4.0A	3.7 3.5 4.1 14.4 4.5A	3.1a 8.1e 10.2e 20.6
LOWER YELLOWSTONE - N	NOWOOD CR	EEK						
Bear Trap : Canyon Creek : Cold Springs Camp Medicine Lodge Lakes Munkres Pass : Onion Gulch : Tensleep R.S. Tyrell R.S.	7F1 7F2 7E25 7E24M 7E8 7E27M 7E7 7E35	8000 7400 8700 9500 9700 8100 8300 8300	1/26 2/1 1/24 1/25 1/28 1/26 Abando		10.1 10.0 7.4 11.6 9.6 10.2	4.1 5.9 3.5 4.8 3.5 4.3	3.8 5.5 3.7 6.8 5.3 5.0	4.8a 7.3a 6.1e 6.1a
West Tensleep Lake	7E26	9075	1/25	33 45	8.2 12.5A	4.1 4.0A	N.R. N.R.	4.5e 7.1a

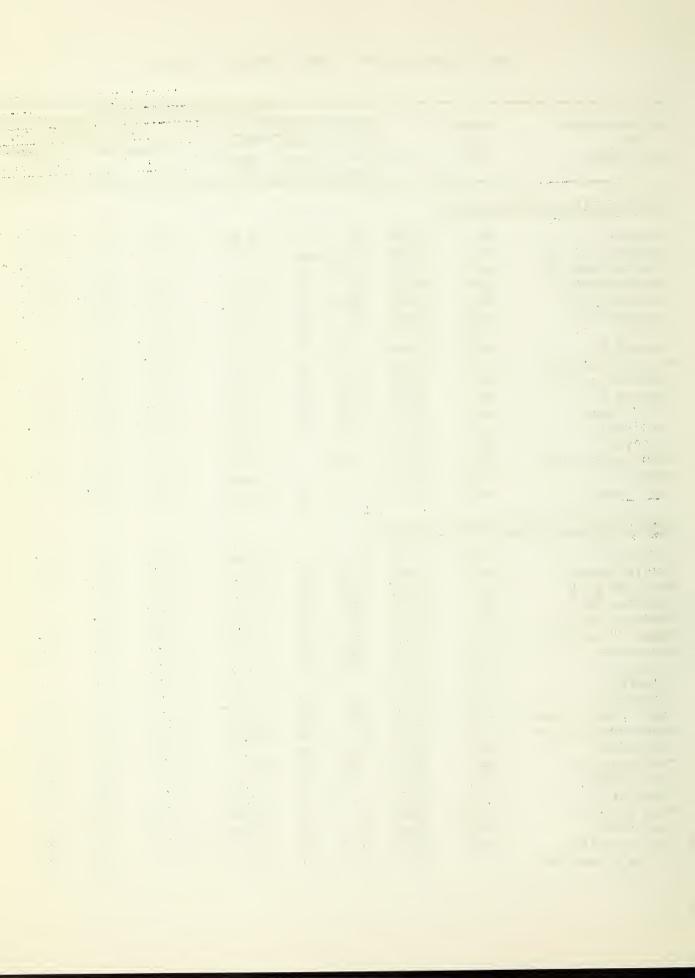


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			-	10/0	SNOW COVER			~~~
Drainage Basin	Number		Dote	1962			Content	
and Snow Course	or State	Elev.	Date of	Snow	Water Content	warer	Content	(In.) 1943-57
Show Course	State	Elev.	Survey	Depth	(In.)	1961	1960	Averages
			Sui vey	(1/12)	(1110)	1901	1900	Avei ages
LOWER YELLOWSTONE -	SHELL CREE	K						
Bald Mountain +	7E21M	9600	1/25	63	19.8	11.4	13.4	12.8a
Beaver Tongue :	7E20	9200	1/24	57	16.4	10.9	11.7	12.0a
Bone Spring :	7E18A	9200	1/31	53	15.5A	4.5A	8. LA	9.6a
Granite Pass 4	7E17	8950	1/26	51	14.3	8.6	10.4	10.5a
Ranger Creek	7E4	8800	1/25	34	8.4	4.3	N.R.	6.0e
Shell Creek	7E23A	9600	1/31	5L	15.5A	6.0A	7.7A	9.1a
LOWER YELLOWSTONE - F	PORCUPINE	CREEK						
			. /	10	1.0			1 .
Five Springs Falls	7E31	7500	1/31	19	4.2	3.2	3.2	4.1a
Medicine Wheel	7E30	9000	1/25	42	11.7	8.5	9.9	10.la
LOWER YELLOWSTONE - 1	TONGUE RIV	/ER						
Beaver Tongue :	7E20	9200	1/24	57	16.4	10.9	11.7	12.0a
Big Goose #2	7E32M	7700	1/29	30	8.2	2.9	5.0	4.8a
Bone Spring Divide :	7E18A	9200	1/31	53	15.5A	4.5A	8.4A	9.6a
Burgess R.S. #2	7 E 3 3	7900	1/25	27	6.3	3.5	5.6	4.9a
Dome Lake #2	7E3LIA	8800	1/31	35	8.5A	3.0A	4.9A	5.7a
Geneva Pass	7E37A	10600	1/31	48	13.5A	3.0A	40)	2-1-
Gloom Creek	7EILA	9300	1/31	47	13.0A	4.5A	8.0A	7.5a
Granite Pass :	7E17	8950	1/26	51	14.3	8.6	10.4	10.5a
North Tongue	7E15	8800	1/25	ĹI	10.8	5.7	7.5	
Sibley Lake	7E11	8000	1/26	39	9.9	4.9	6.8	6.4а
Steamboat Point	7E10	7500	1/26	28	6.6	2.7	5.4	Li. Lia
Sucker Creek	7E12A	9000	1/31	41	11.0A	4.5A	6.5A	7.0a
Wood Rock G.S.	7E13	8500	1/26	Lo	10.3	4.4	7.6	6.7a
LOWER YELLOWSTONE - F	OWDER RIV	/ER						
Bear Trap :	7F1	8000	1/26	39	10.1	4.1	3.8	
Canyon Creek :	7F2	7400	2/1	36	10.0	5.9	5.5	
Clouds Peak	7E36A	10000	1/31	12	11.0A	4.0A	5.0A	
Muddy Creek G.S.	7E28	7500	1/28	18	4.4	1.7	2.0	2.7a
Munkres Pass :	7E8	9700	1/28	38	9.6	3.5	5.3	6.1e
Onion Gulch :	7E27M	8100	1/26	40	10.2	4.3	5.0	6. la
Sodidier Park	7E5	8700	1/27	57	5.5	1.8	3.3	3.6e
Sour Dough	7 E 6	8500	1/27	32	7.3	2.9	2.4	4.3e
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					SNOW COVER			
Drainage Basin	Number			1962			PAST REC	
and	or		Date	Snow	Water	Water	Content	(In.)
Snow Course	State	Elev.	of	Depth	Content	10/1	10/0	1943-57
		-	Survey	(In.)	(In.)	1961	1960	Averages
NORTH PLATTE - LARAM	IE RIVER							
Albany :	6нт та	9400	2/1	4	12.0A	5.0A	2.2A	8.3e
Brooklyn Lake #1 Brooklyn Lake #2	6н1 6н13	10200 10200	Destro				0.1	. 1
Cameron Pass ^C :	5JIA	10200	1/27	56	16.4	10.8	8.4	14.3e
Chambers Lake ^C	5J2	9000	2/1	63	21.2A	7.8A	9.0	13.6
Deadman Hill	5 J 6A	10300	1/28	27	7.4	3.1	2.8	5.6e
Evans ÷	6H15	9000	2/1	55	16.8A	6.1	4.5	8.8
Foxpark -	6H15	9200	1/29	40	11.0	4.2 2.8	2.6	1. 1
Hairpin Turn #2	6H2	9500	1/27	32	N.R. 8.3	5.0	2.3	4.1
Hairpin Turn #3	6H2	9500	1/27	10 10	11.2	7.5	4.0	7.7
LaBonte ÷	5G2	8450	1/24	29	5.8	3.6	1.4	4.1e
Libby Lodge	6H3	8700	1/27	31	7.6	4.8	2.0	7.0
Lost Lake ^C	5J23	9300	1/28	36	10.2	5.3	5.6	12.0
Mc Intyre ^C	5115	9100	1/20		N.R.	200	7.0	12.0
Pole Mountain #2 :	5H1	8700	1/25	19	3.1	1.7	0.8	3.2
Roach ^C ÷	6J12A	9800	., -,	. ,	N.R.	4.1	7.2	11.2
Rock Creek :	6H14A	9800	2/1	74	23.0A	11.0A	10.0A	
NORTH PLATTE - ABOVE	SEMINOE	RESERVO	IR					
Albanu *	611111	01.00	- /:					0.0
Albany : Bottle Creek	6нта 6н8	9400 8200	2/1	44	12.0A	5.0A	2.2A	8.3e
Boxelder #1 :	5G1	9000	1/26	41	10.8	5.4	4.3	9.0
Boxelder #2 :	5G1	9000	1/29	27	7.5	3.0	3.4	3.9e
Cameron Pass ^C ÷	5 J IA	10300	1/29	28	7.4	3.4	3.4	176
Casper Mountain :	6GI	8700	2/1	63	21.2A	7.8A	9.0	13.6
Columbine	6J3A	9300	1/31	77	13.0	6.9	5.6	6.9a
Evans ÷	6H15	9000	1/29	58 40	18.4 11.0	10.2 4.2	8.1	15.3e
Foxpark ÷	6H12	9200	1/29	40	N.R.	2.8	2.6	4.1
LaBonte ÷	5G2	8450	1/21	29	5.8	3.6	1.4	4.1e
North Barrett Creek	6H5AM	9400	2/1	54	15.5A	14.5A	6.5A	11.3
North French Creek	6НЦАР	10200	2/1	72	22.5A	15.0A	11.5A	17.2
Northgate ^C	6 J 7	8500	1/29	30	6.8	2.3	2.7	3.9e
Old Battle :	6H10	9800	1/26	72	22.4	14.3	14.4	20.0
Park View ^C	6J2	9200	1/31	33	7.2	3.7	4.4	5.9
Roach ^C :	6112	9800	., ,		N.R.	1.1	7.2	11.2
Rock Creek :	6H14A	9800	2/1	74	23.0A	II.OA	10.0A	
Ryan Park	6H6A	8400	2/1	LL	12.0A	4.0A	2.2A	6.5
Webber Spring	6H9M	9000	1/26	49	13.L	7.6	6.1	11.7
Willow Creek Pass ^C	6 J 5	9500	1/31	41	11.0	4.1	6.3	7.8

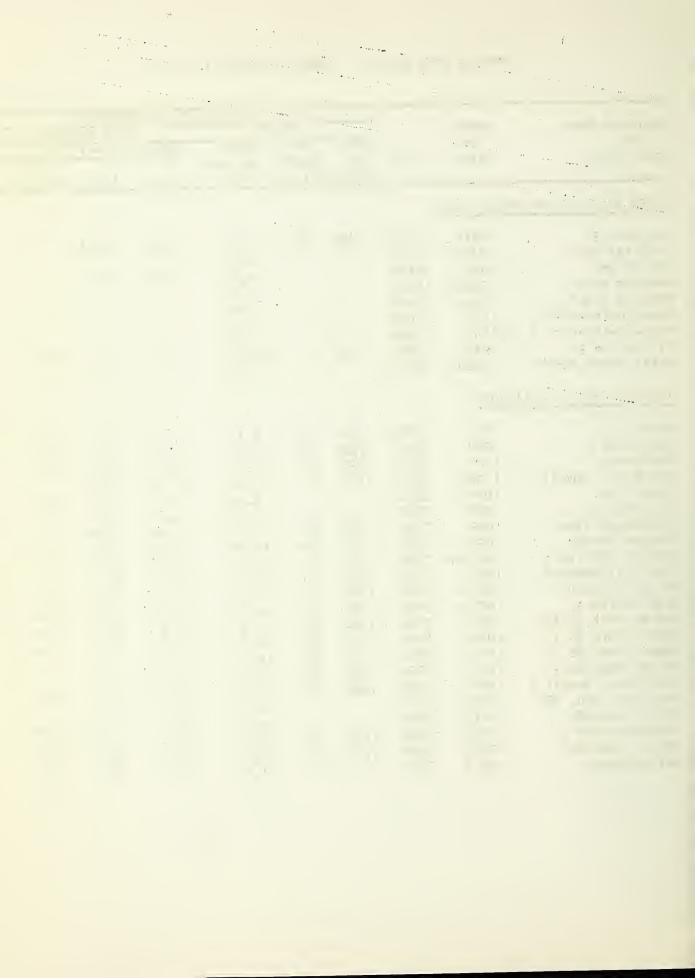


			SNOW COVER MEASUREMENTS							
Drainage Basin	Number		1962			PAST RECORD Water Content (In.)				
and Snow Course	or State	Elev.	Date of	Snow Depth	Water Content	Warer	Content	(In.) 1943 - 57		
Show Codi se	Sidile	Liev.	Survey	(In.)	(In.)	1961	1960	Averages		
NORTH PLATTE - CROW (
Pole Mountain #2 :	5н1	8700	1/25	19	3.1	1.7	0.8	3.2		
NORTH PLATTE - SWEET	NORTH PLATTE - SWEETWATER									
Grannier Meadows Larsen Creek South Pass :	8G4 9G6 8G3MP	9000 9000 9000	1/20 1/28 1/20	51 38 49	11.1 9.8 10.6	4.5 6.1 4.2	6.9 2.3 5.3	10.2e 7.3e 10.2e		
NORTH LARAMIE MOUNTAINS										
Boxelder #1 : Boxelder #2 : Casper Mountain : LaBonte :	561 561 661 562	9000 9000 8700 8450	1/29 1/29 1/31 1/2L	27 28 14 29	7.5 7.4 13.0 5.8	3.0 3.4 6.9 3.6	3.4 3.4 5.6	3.9e 6.9a 3.9e		
GREEN RIVER ABOVE GREEN RIVER										
Big Sandy Opening Blind Bull Summit : Dutch Joe R.S. East Rim Divide : Elk Heart Park G.S. Gros Ventre : Kendall R.S. #1	9G8P 10G2A 9G5 10F17MP 9G10 10F19A 10F15	9220 8750 8700 7950 9400 8750 7900	1/27 1/29 1/27 1/30 1/25 1/29	44 63 38 39 52 43 35	11.4 21.0A 10.0 10.5 14.3 12.0A 9.5	5.7 11.5A 4.6 2.8 5.6 4.0A 3.3	8.5A 2.5 3.5 5.0A 3.0	5.9e 7.7e 8.2e 6.4e		
Kendall R.S. #2 Loomis Park #1 : Loomis Park #2 :	10F15 10F16 10F16	7900 8500 8500	1/29 1/30 1/30	43 52 52	12.4 16.2 15.8	4.7 5.8 5.7	5.9	11.4е		
Mulligan Park New Fork Lake North Horse Creek Piney LaBarge #1	9G1 9F21 10G16 10G10	8900 8325 8200 8820	1/25 1/29 1/30	42 41 57	11.2 11.8 18.7 N.R.	4.0 7.7	2.86.3	7. 8e		
Piney LaBarge #2 Pocket Creek	10G10 9G9	8820 9360	1/29	43	N.R. 12.4	10.1	7.2	17.00		
Poison Meadows : Snyder Basin #2 South Pass : Soda Lake	10G6A 10G13MP 8G3MP 10G14	8500 8040 9000 8300	1/29 1/20 1/31	83 L ₁ 9 L ₄ 9	30.0A N.R. 10.6 15.7	14.5A 6.4 4.2 8.2	11.5A 5.0 5.3 5.5	10.3e 10.2e 14.0e		
Triple Peaks	10G15	8500	1/31	65	22.1	11.4	8.1	19.0e		

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			CNOW COVED HEACHDEMENTS						
Drainage Basin	Numb er		SNOW COVER MEASUREMENTS 1962 PAST RECORD						
and	or		Date	Snow	Water	Water	Content		
Snow Course	State	Elev.	of	Depth	Content	via i e i	Comment	1943-57	
					(In.)	1961	1960	Averages	
GREEN RIVER BELOW GRE									
Big Park : Buck Pasture ^u	10G11 10J23A	8700 9700	1/29	59	18.5A N.R.	5.0A	7.5A		
Elk River ^C Henry's Fork Hewinta R.S. ^U Hole-in-the-rock ^U	1011 1017 101577 1016	8700 10200 9500 9150			N.R. N.R. N.R.	6.7A	7.6		
Hole-in-the-rock G.S. Old Battle : Steel Creek Park ^U		8300 9800 9900	1/26	72	N.R. 22.4 N.R.	14.3	14.4	20.0	
JACKSON LAKE TO PALISADES									
Afton R.S. Base Camp : Blackrock Blind Bull Summit : Bryan Flat CCC Camp : Cottonwood Lake Deadman Ranch East Rim Divide : Four Mile Meadows Greys Boundary Gros Ventre : Grover Park Divide Loomis Park #1 : Loomis Park #2 : Poison Meadows : Salt River Summit : Snow King Mtn. #3 Teton Pass #2	10GL 10F2 10F7 10G2A 10F1L 10G7 10G5 10G1A 10F17MP 10F6 10E18 10F19A 10F16 10F16 10G6A 10G8P 10G8P	6200 6900 8600 8750 6250 7500 7500 6534 7950 7770 5800 8750 8500 8500 7900 7600 8500	1/29 1/29 1/29 1/29 1/29 1/29 1/29 1/30 1/29 1/29	20 16 51 36 57 49 49 43 52 53 44	5.1 13.8 21.0A N.R. 9.3A 10.15 10.5 10.5 10.5 10.5 10.5 10.5 10.	1.7.1.5.3.8.7.4.2.7.3.4.4.5.5.4.6.2.2.1.3.1.5.3.8.5.9.0.6.8.7.5.6.2.2.1.5.4.6.6.2.2.2.1.5.4.6.6.2.2.2.1.5.4.6.6.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	26.984.50 A 26.984.50 A 26.984	3.8 13.2e 15.7 7.0 8.3 6.2e 7.7a 9.8 7.9 8.2e 7.9 11.4e	
Teton Pass #2 Togwotee Pass : Turpin Meadows Yellowjacket	10F13 10F9MP 10F5 10F10	8500 9600 6930 7675	1/29	66 34	N.R. 21.6 8.5 N.R.	14.2 15.3 5.6 2.8	12.1 14.4 2.8 2.1	26.0e 20.6 8.1 3.6e	



			SNOW COVER MEASUREMENTS						
Drainage Basin Number			1962 PAST RECOR					ORD	
and	or		Date	Snow	Water	Water	Content	(In.)	
Snow Course	State	Elev.	of	Depth	Content		10/0	1943-57	
			Survey	(In.)	(In.)	1961	1960	Averages	
SNAKE RIVER ABOVE JACKSON LAKE									
Arizona	IOFI	6850	1/27	119	14.1	8.3	6.2	12.5e	
Astor Creek	10E8	7700	1/27	71	23.1	12.3	9.7	22.le	
Base Camp	10F2	6900	1/28	46	13.3	7.3	6.1	13.2e	
Coulter Creek	10E10	7600	1/26	55	16.2	9.2	8.1	15.3e	
Glade Creek	10E13	7200	1/27	56	17.5	10.1	6.3	15.2e	
Grassy Lake	10E15	7265	1/29	77	25.6	15.1	11.7	22.9	
Huckleberry Divide	10E14	7300	1/27	52	14.9	8.6	6.3	13.2e	
Lewis Lake Divide	10E9	7900	1/27	86	30.8	17.0	13.4	30.0e	
Moran Bay	10F4MP 10F3	6500 6800	1/28	41	10.4	6.2	5.2	8.5e	
Snake River Station	10E12MP	6780	1/28	57	17.3	9.5	7.5	14.2e	
Thumb Divide -	10E7	7900	1/27	53	15.9	10.1	6.3	13.9e	
Triams Stride	.027	1700	1/27	59	17.6	8.4	7.0	15.9e	
BEAR RIVER									
Big Park ÷	IOGIIA	8700	1/29	59	18.5A	5.0A	7.5A		
CCC Camp :	10G7	7500	1/29	36	9.3	4.8	5.0	8.3	
Goodman Ranch ^U	1016	7900	-/-/	,,	N.R.		,,,,		
Hayden Fork ^u	10J7	9300			N.R.				
Monte Cristou	11H12	8960	1/29	56	19.3	7.6	N.R.	17.0e	
Poison Meadows :	10G6A	8500	1/29	83	30.0A	14.5A	11.5A		
Salt River Summit :	10G8P	7900	1/29	4	13.0	6.6	5.0	10.5e	
Still Water Campu	10117	9800	. /	. 1	N.R.		- 1		
Trial Lake ^U	1018	9800	1/29	61.1	19.4	8.5	9.4	17.le	
MISSOURI - CHEYENNE RIVER									
Terry Peak ^S	3E2	7000							
Upper Spearfish ^S	3E1	6500			N.R.	1. 1	E .0	1. 1	
opper open i i sii)	0,00			N.R.	4.1	5.2	4.4e	

a. Average of all past data

e. 1943-57 partially estimated

c. Colorado snow courses

m. Montana snow courses

u. Utah snow courses

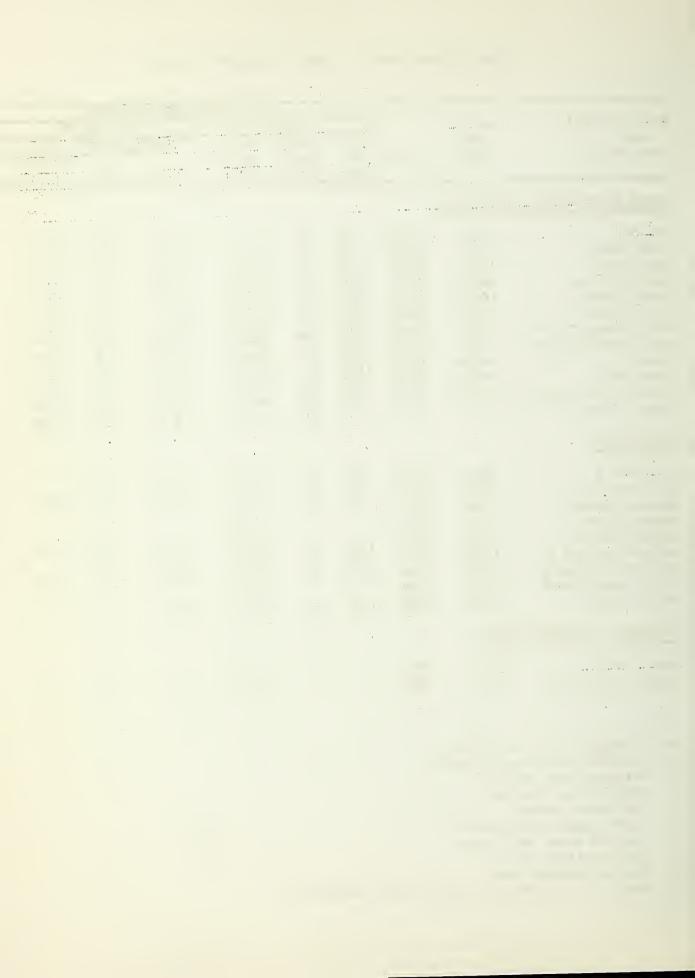
s. South Dakota snow courses

Located close to divide

M. Soil moisture stack

P. Pearson storage gage

A. Aerial stadia marker, water content estimated



Agencies Cooperating in Wyoming Snow Surveys

FEDERAL

U. S. Department of Agriculture Forest Service Soil Conservation Service

U. S. Department of Commerce Weather Bureau

U. S. Department of the Interior Bureau of Reclamation Geological Survey National Park Service Indian Service

STATE

State Engineer of Wyoming

PRIVATE

Wheatland Irrigation District Greybull Valley Irrigation District Clouds Peak Soil & Water Conservation District Cody Soil & Water Conservation District Dubois-Crowheart Soil & Water Conservation District Greybull Valley Soil & Water Conservation District Lake DeSmet Soil & Water Conservation District Laramie Rivers Soil & Water Conservation District Little Snake River Soil & Water Conservation District Medicine Bow Soil & Water Conservation District Pinedale Soil & Water Conservation District S & E Soil & Water Conservation District Shell Valley Soil & Water Conservation District Shoshone Soil & Water Conservation District Tongue River Soil & Water Conservation District Washakie Soil & Water Conservation District Wheatland Soil & Water Conservation District Powder River Soil & Water Conservation District Pavillion & Wind River Soil & Water Conservation District Powell-Clarks Fork Soil & Water Conservation District Bridger Valley Soil & Water Conservation District

U. S. Forest Service Chief, Watershed Management Research Mashington 25, D. C.

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